

California Water Plan Update 2013

Public AC Meeting Summary

Tribal AC Webinar
May 5, 2011

California **Water Plan** Highlights

INTEGRATED WATER MANAGEMENT



Update 2009 • Department of Water Resources



Integrated Water Management Finance Plan

*Prepared for:
California Water Plan Public Advisory Committee*



March 30, 2011

Public AC Meeting Topics

California **Water Plan** Update 2009

INTEGRATED WATER MANAGEMENT



Bulletin 160-09 • Department of Water Resources

Volume
The Strategic Plan

1

- **Introductory Remarks**
 - Sue Sims, CWC Executive Officer
 - Kamyar Guivetchi, DWR
- Finance Plan Caucus
- **Sustainability Indicators**
- IWM Progress Report
- **Lunch - USACE National Report**
- Tribal AC meeting update
- **Water Plan Scenarios & Responses**
- Groundwater Caucus
- **Regional Reports Update**
- Short Updates

3 I's - Invest in Innovation & Infrastructure

California State Government in partnership with others should invest in water innovation & infrastructure to support integrated water management and sustainable outcomes

➤ Investment - Finance Plan

- Stable funding with focus on innovation investments
- Seed money to incentivize infrastructure improvements

➤ Innovation

- Governance improvements
- Planning & public process improvements
- Information technology (data & tools)
- Water technology R&D

➤ Infrastructure

- Regional projects
- Inter-regional projects
- Statewide systems



What to Expect from Update 2013 Finance Plan

OBJECTIVE:

Identify and prioritize critical State and regional water supply, water quality, flood management and environmental stewardship actions;

report on their cost, and

recommend innovative, stable, equitable and fiscally-responsible financial strategies and revenue sources

What to Expect from Update 2013 Finance Plan

DELIVERABLES:

- **A first-of-its-kind statewide inventory/summation of all integrated water management investment plans and proposals (*potentially including a summary of recent investments for contextual purposes*)**
- **Recommendations for resource management finance governance and accountability**

Integrated Water Management Plans and Overlap

AB 32 Public Goods Charge
Update 2013 Water and Flood Finance Plan
Water Resources Investment Fund
Statewide Integrated Flood Planning Finance Strategy
BDCP Finance
DSC Finance Plan
SB 34
SB 571 Master Finance Plan
Central Valley Flood Program Finance Plan

Partial List of Overlapping Elements:

- Resource management actions
- Governance
- Revenue sources
- Planning documents/processes
- Finance principles
- Priorities

Update 2013 Finance Plan

Key Components

- **Estimated Integrated Water Management Costs through 2050 (including considerations involving longer horizons)**
- **Existing and New Revenue Sources**
- **Cost/benefit Allocation & Funding Principles**
- **Funding Priorities**
- **Contingency Recommendations in the event of severe and sustained funding constraints**
- **Governance, Accountability & Appropriation**

Types of Input the Caucus Needs

1. **Additional Integrated State-water Finance Plans and areas of overlap recall slide 7.**
2. **Additional key components, recall slide 8**
3. **Additional considerations or examples for each key component**
4. **What deliverables should the Caucus aim to bring back to the Tribal AC, if any**
5. **Would the Tribal AC want a concurrent meeting with the Finance Caucus?**

Update 2013 Finance Plan

Next Steps

- **Develop Finance Caucus with appropriate expertise**
- **Finalize scope and work plan (May 2011)**
- **Next Finance Caucus Meeting, May 19, 2011**

More Information on the Finance Caucus

➤ Email:

- Paul Massera: pmassera@water.ca.gov &
- Megan Fidell: mfidell@water.ca.gov

What they need:

- Statement of interest
- Quick summary of how you would add expertise to caucus.

Lunch Speaker - USACE National Report

Building Strong Collaborative Relationships for a Sustainable Water Future

*California Water Plan Update 2013
Public Advisory Committee*

March 30, 2011

Tanis J. Toland
Delta Programs Integration
U.S. Army Corps of Engineers

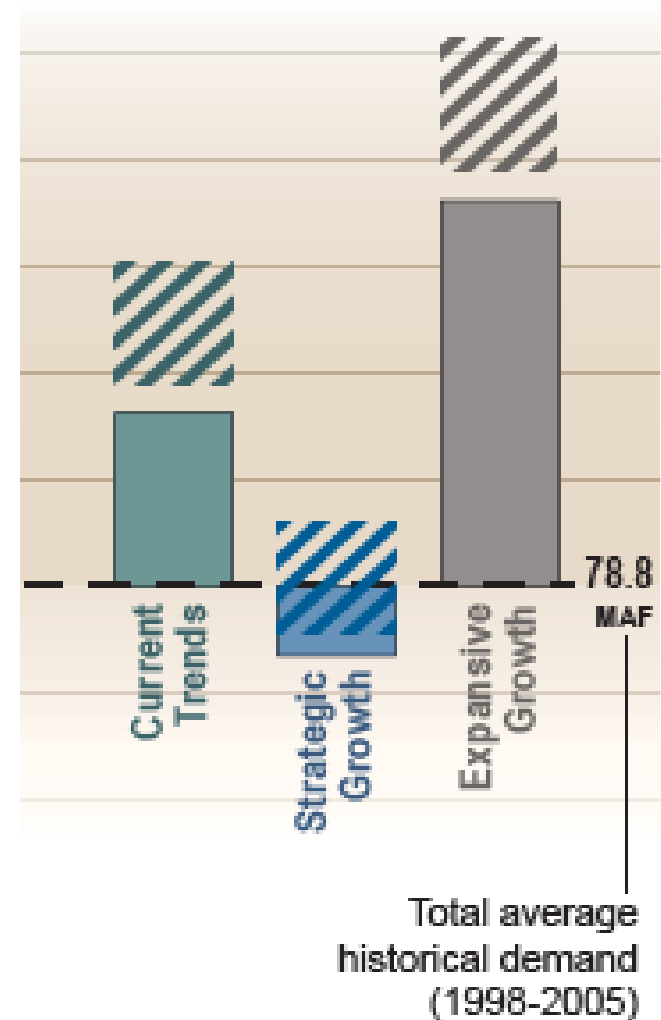


US Army Corps of Engineers
BUILDING STRONG®



Scenario Analysis for Update 2013

**Combined Water Demand
Change by Scenario**



Scenario Analysis Overview

- Vision for Water Plan Technical Analysis
- Application of Scenarios to Update 2009
- Proposal to Evaluate Resource Management Strategies for Update 2013

SWAN / Scenarios Schedule

- May 2011 - SWAN workshop on pilot results
- June 13, 2011 2:00 pm -3:30 pm
- Summer 2011 – Tribal AC, Public AC & regional mtgs
- Fall/Winter 2011/2012 – Implement proof of concept
- 2012 – Scenario refinement and outreach
- 2013 – Complete Scenarios

Contact Information

- 💧 Vision
- 💧 Update 2009
- 💧 Update 2013 proposal

Rich Juricich

- juricich@water.ca.gov
- (916) 651-9225

➤ SWAN

<http://www.waterplan.water.ca.gov/swan>

Water Plan Update 2013

Groundwater Enhancement

❑ Objective:

Expand information about statewide and regional groundwater conditions to better inform groundwater management actions and policies through compilation and summarization of data and analysis

❑ Premise:

- Existing water laws and regulations are in place
- No new data collection or detailed analysis

❑ Deliverables:

1. Compile groundwater information
2. Summarize groundwater conditions and management activity
3. Identify data gaps
4. Estimate change in groundwater storage

Water Plan Update 2013

Groundwater Enhancement

□ Deliverables:

5. Present Case Studies
6. Inventory and describe potential for conjunctive management of groundwater and other supplies
7. Inventory and describe potential for groundwater banking and integrated flood management
8. Develop sustainability indicators

□ Schedule:

- | | |
|--|--------------|
| ➤ Revise Project Charter per Public AC feedback: | Spring 2011 |
| ➤ Form Groundwater Caucus: | May 19, 2011 |
| ➤ Compile and summarize information: | Late 2011 |
| ➤ Conduct analysis & prepare draft document: | Spring 2012 |
| ➤ Refine analysis and document: | Spring 2013 |
| ➤ Finalize analysis and document: | Fall 2013 |

Water Plan Update 2013 Groundwater Enhancement Groundwater Caucus

□ Status:

- Planned Caucus meetings for Update 2013
 - ❖ Two in 2011: May 19 and Fall
 - ❖ Two in 2012: Spring and Fall
 - ❖ One in 2013: Spring
- Caucus Charter: In preparation
- Caucus Membership:
 - ❖ Number of potential members: more than 65
 - ❖ Cover a broad and diverse group
- Kick-off Meeting:
 - ❖ May 19, 9 am – 12:30 pm: CalEPA, Coastal Hearing Room, 1001 I St.
 - ❖ Preparation for kickoff is underway

Water Plan Update 2013

Groundwater Enhancement

Questions to Answer for Caucus

1. Based on the Work described, what advice would you like to offer the Groundwater Caucus for when they convene? (slide 17)
2. What deliverables should the Caucus aim to bring back to the Tribal ACs? (slide 18)

Water Plan Update 2013 Groundwater Enhancement

Contact Information

Abdul Khan: akhan@water.ca.gov

Dan McManus: mcmanus@water.ca.gov

Update 2013 Regional Reports

Incorporation of Regional Initiatives

Regional (and other) Initiatives

Urban Water Management Plans

Integrated Regional Water Mgmt.
Plans

Agency databases

Flood Management Plans

State and federal companion plans

Etc.



Update 2013
Regional
Reports



Update 2013
Strategic Plan

Update 2013
Implementation
Plan

Update 2013
Finance Plan

Inform Emerging
Legislation

Regional Report "Storyboard"



Current State of Region

Regional Resource Management Objectives

Inter-regional and Statewide Relationships

Water Management Strategies and Initiatives

Short- and Long-term Recommendations

Questions for Tribal AC

1. What other decisions can/should be supported by the Regional Reports?
2. What other information, companion plans, etc should be reflected in the regional reports?
3. How can Regional Reports, better incorporate Tribal perspectives?

Water Plan Update 2013

Regional Reports

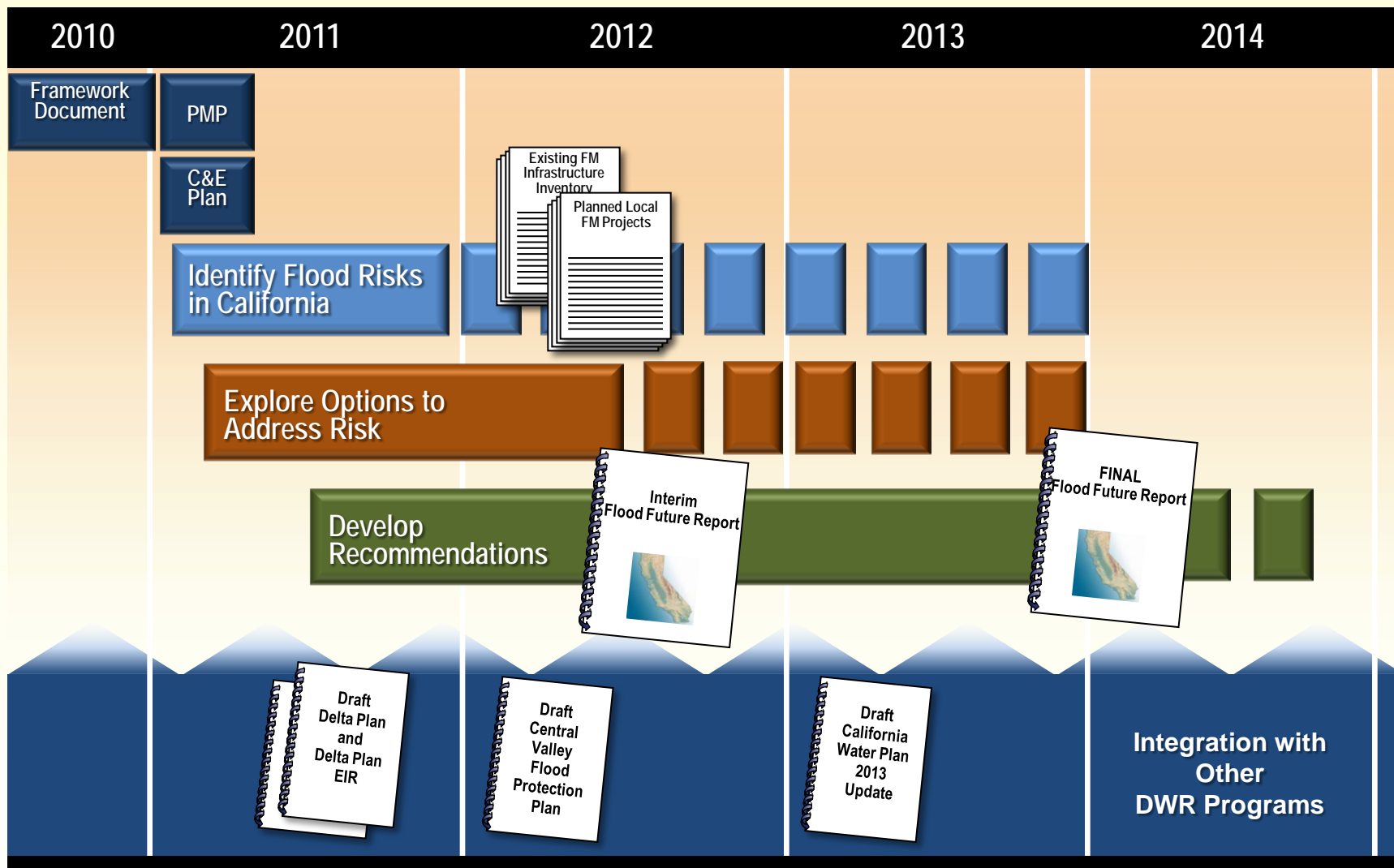
Contact Information

Lew Moeller: lmoeller@water.ca.gov

Paul Massera: pmassera@water.ca.gov

Statewide Integrated Flood Management Planning Program

- Characterize flood risks throughout California based on the best available information
- Support and enhance local, State, and federal partnerships
- Develop recommendations to address flood risks



California Water Plan Update 2009

Objective 11 – Invest in New Water Technology

- Identify and fund applied research and pilot studies on emerging water technology to make them attainable and more cost effective
- Work with CCST, academic institutions & private partners
- 3 Related Actions
 - Identify, prioritize, and begin funding applied research projects
 - Invest in pilot projects
 - Continue CEC PIER Program to reduce energy intensity & demand

